

**Listing of Claims**

1. (Original)                    An x-ray detector comprising
  - a plurality of detector units arranged in a detection surface,
  - individual detector units including a sensor element and read-out circuit, wherein
  - the sensor elements and the read-out circuitry are spatially separated transversely to the detection surface and
  - an x-ray shielding member is at least for a part arranged between individual sensor elements and individual read-out circuits.
2. (Original)                    An x-ray detector as claimed in Claim 1, wherein
  - in the x-ray shielding member an interruption is left open and
  - a signal connection from the sensor element to the read-out circuit passes through the interruption.
3. (Currently Amended)                    An x-ray detector as claimed in Claim 1 ~~or 2~~, wherein the x-ray shielding member extends over several detection units.
4. (Original)                    An x-ray detector as claimed in Claim 1, wherein adjacent read-out circuits are separated by transverse absorption units.
5. (Original)                    An x-ray detector as claimed in Claim 4 wherein the transverse absorption units are integrated in the x-ray shielding member.
6. (Original)                    An x-ray detector as claimed in Claim 1, wherein within individual detector units, the sensor element and the read-out circuit are offset parallel to the detection surface.